Qty:

8 Um:

Each

: BRACKET ASSEMBLY

: D3183043

: N/A

: C1

:NIA

: 1/5/2007

: D3183 REV C1

Date:

Tuesday, 12/5/2006 8:20:16 AM

User:

Kim Johnston

Process Sheet

Drawing Name

Part Number

Material

Due Date

Drawing Number

Project Number

Drawing Revision

Customer

: CU-DAR001 Dart Helicopters Services

Job Number **Estimate Number** : 29820

P.O. Number

: 10281

This Issue

Prsht Rev.

First Issue

Written By

Comment

Previous Run

:NIA

: 12/5/2006

: NC : NIA

: 28828

S.O. No. : HIM

Type

: MACHINED PARTS

New issue KJ/DS

Additional Product

Checked & Approved By

Job Number:



Seq. #:

Machine Or Operation:

Description:

1.0

M174B2000X01500



0.4812 f(s)/Unit Total:

3.8497 f(s)

Material: 17-4 SS Bar per AMS 5604/5643

(M17-4-B1.500x02.000) Identify for D3183-043 Batch: M10/421

2.0

BAND SAW

BAND SAW

17-4 SS Bar



Comment: BAND SAW

Comment: Qty.:

Cut blanks: (1.500" x 2.000") 5.500" long

3.0

HAAS CNC VERTICAL MACHINING #1



Comment: HAAS CNC VERTICAL MACHINING #1

1-Machine D3183-3 as per Folio FA322 and Dwg D3183 Identify as D3183-3

2-Deburr

3-Scribe batch number

INSPECT PARTS AS THEY COME OFF MACHIN

4.0



Comment: INSPEC PARTS AS THEY COME OFF MACHINE

07.01.14

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES							
DATE	STEP		PROCEDURE CHANGE	В	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
, and									
		e Salaya Talaya	•		,				
· .			,						

Part No:		PAR #:	Fault Category:	NCR: Yes (No I	DQA:	Date: 07/01/19
	* *.			QA: N/C Clo	sed:	Date:

NCR: WORK ORDER NON-CO			ER NON-CONFORMAN	CE (NCR)					
		Description of NC		Corrective Action Section B		Verification		A	
DATE	STEP	Section A	Initial Chief Eng	Initial Action Description Sign &		Section C	Approval Chief Eng	Approval QC Inspector	
			-						
·									
.`		÷						,	
							"		

NOTE: Date & initial all entries

Date: Tuesday, 12/5/2006 8:20:16 AM Kim Johnston User: **Process Sheet** Drawing Name: BRACKET ASSEMBLY Customer: CU-DAR001 Dart Helicopters Services Part Number: D3183043 Job Number: 29820 Job Number: Description: Seq. #: Machine Or Operation: SECOND CHECK QC8 5.0 Comment: SECOND CHECK D312121 6.0 2.0000 Each(s)/Unit Total: 16.0000 Each(s) Comment: Qty.: Pick: Description Batch **Qty Part Number** <u>B29828</u> 2 D3121-21 l 07/01/1 D3183045 Bearing Assembly 7.0 16.0000 Each(s) Comment: Qty.: 2.0000 Each(s)/Unit Total: Pick: Description Batch **Qty Part Number** 2 D3183-045 Bearing Ass SMALL & MEDIUM FAB RESOURCE 1 SMALL FAB 1 8.0 Comment: SMALL & MEDIUM FAB RESOURCE 1 Assemble D3183-043 as per Dwg D3183. 9.0 QC5 Ġ Comment: INSPECT WORK TO CURRENT STEP **PACKAGING** PACKAGING RESOURCE #1 10.0 Comment: PACKAGING RESOURCE #1 Identify and Stock Location: <u>SL 91</u>2 QC21 11.0 Comment: FINAL INSPECTION/W/O RELEASE 07/0/1 C L07/01/19 Job Completion

Dart Ae	rospace	e Ltd							
W/O:			W	ORK ORDER CHANGES					
DATE	STEP	PR	OCEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
			,						
Part No	:	PAR #:	Fault Cate	gory: N	NCR: Yes	No DQ	A:	Date:	
					QA: N	/C Close	d:	_ Date: _	
NCR:			WORK ORD	ER NON-CONFORMAN	CE (NCF	()			-
		Description of NC	Description of NC Corrective Action			Verifi	cation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date		ion C	Chief Eng	QC Inspector
							ŧ		

NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order:	29820
Description: Bracket	Part Number:	D3183-3
Inspection Dwg: D3183 Rev: C1		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

Drawing		Actual			Method of	0
Dimension	Tolerance	Dimension	Accept	Reject	Inspection	Comments
R0.190	+/-0.030	RO.190			-	
R0.063	+/-0.010	RO.063				
0.182	+/-0.010	0.180				
0.070	+/-0.010	0,070/				
0.100	+/-0.010	0,099				
Ø0.201 x 0.100	+/-0.010	\$0.198 X0.100				
0.182	+/-0.010	0.184				
5.32	+/-0.030	5.322				
5.036	+/-0.010	5.031				
2.120	+/-0.010	2.118				
1.290	+/-0.010	1.288				
0.365	+/-0.010	0.363				
0.218	+/-0.010	0.214				
1.030	+/-0.010	1.029				
1.90	+/-0.030	1.888				
1.012	+/-0.010	1.012				
Ø0.201 x 0.100	+/-0.010	00.201 X0.101				
0.182	+/-0.010	6.182				
0.786	+/-0.010	0.777				
Ø0.392	+0.002/-0.000	80.393				
R0.19	+/-0.030	RO.190				
3.954	+/-0.010	3.954				
0.162	+/-0.010	0.160	***************************************			
R0.19	+/-0.030	RO.190				
R0.25	+/-0.030	R0.250				
4.26	+/-0.030	4.260				
2.080	+/-0.030	2.080				
1.155	+/-0.010	1.155				
0.162	+/-0.010	0.160				
0.36	+/-0.030	0.360				
0.615	+/-0.010	0.615				
0.435	+/-0.010	0.433				
0.200	+/-0.010	0.201				
0.381	+/-0.010	0.382				
0.032	+/-0.010	0.029				

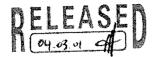
Measured by:	and.	Audited by:	Prototype Approval:	N/A
Date:	07/01/12	Date: 01/01/12	Date:	N/A

Rev	Date	Change	Revised by Approved
Α	03.11.12	New Issue P/O D3183-043	KJ/RF
В	04.03.15	Changes as per revision C	KJ/JLM/RF
С	06.03.09	Dwg Rev update	KJ/JLM A



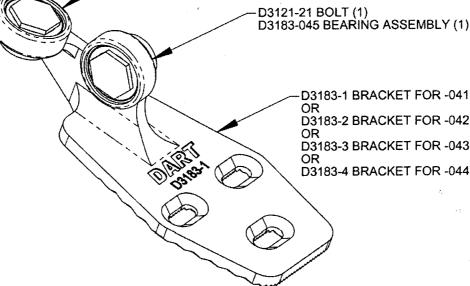


DESIGN	DRAWN BY	DART AEROSPACE HAWKESBURY, ONTARIO, CA	
CHECKED	APPROVED	D3183	REV. C SHEET 1 OF 4
DATE 04.0	02.17	BRACKET ASSEMBLY	SCALE 1:1



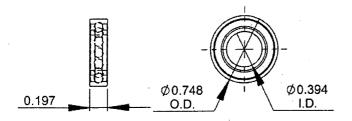
	04.02.17	BRACKET ASSEMBLY	1:1
Α.	03.01.24	NEW ISSUE	
В	03.06.17	REMOVE BEARING; 1.012 WS 0.882	
С	,04.02.17	ADD -045/-9; 0.182 WAS 0.431	
Cı	-4 1 04.11.09	0.830 WAS 0.850	

D3121-21 BOLT (1) D3183-045 BEARING ASSEMBLY (1)



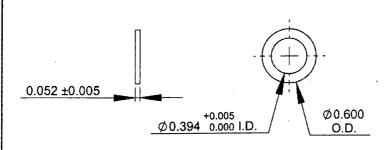
D3183-1 BRACKET FOR -041 (SHOWN) D3183-2 BRACKET FOR -042 (OPPOSITE) D3183-3 BRACKET FOR -043 (SIMILAR) D3183-4 BRACKET FOR -044 (SIMILAR)

D3183-041 BRACKET ASSEMBLY (SHOWN) D3183-042 BRACKET ASSEMBLY (OPPOSITE D3183-043 BRACKET ASSEMBLY (SIMILAR)



D3183-5 BEARING: SPECIFICATION CONTROL DRAWING

- 1) SINGLE ROW, DEEP GROOVE, CONRAD TYPE, SHIELDED 2) POSSIBLE SUPPLIER: NSK P/N 6800ZZ
- 3) ALL DIMENSIONS ARE IN INCHES



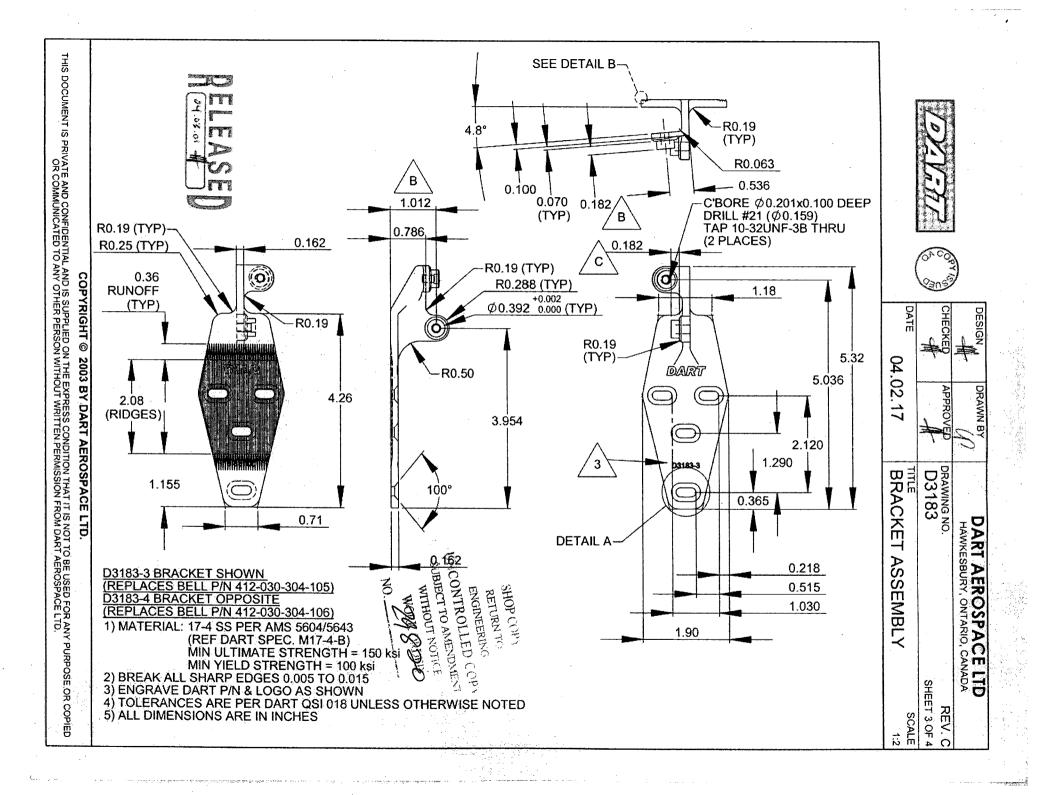
D3183-7 WASHER

- 1) MATERIAL: AISI 303 ROUND BAR (M303R)
 ANNEALED ENGINEER)
- 2) BREAK ALL SHARP EDGES 0,005 TO 00010 3) TOLERANCES ARE PER DARY OSL 018 AN UNLESS OTHERWISE NOTED BLEET OF THE PROPERTY OF
- 4) ALL DIMENSIONS ARE IN INCHESTITHOUT

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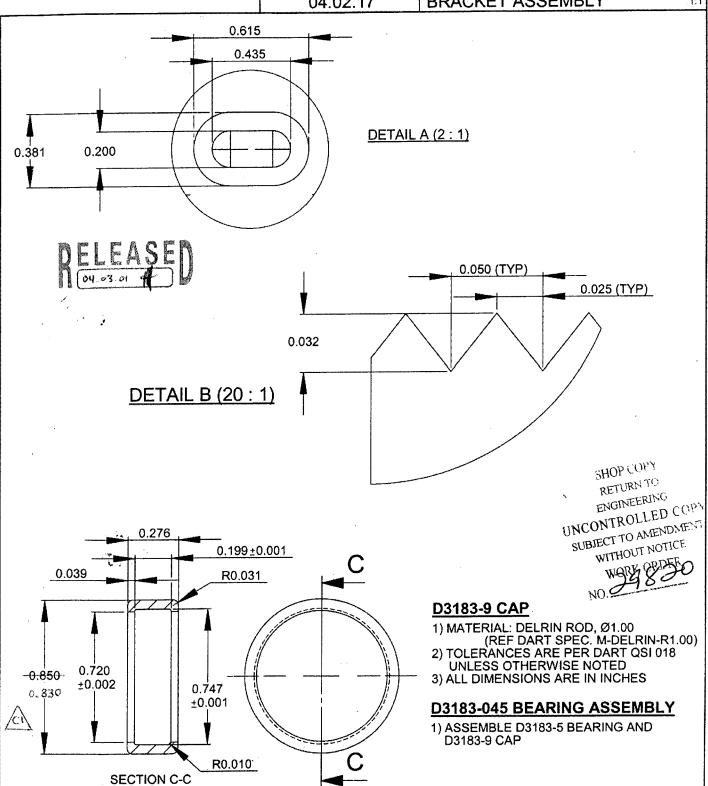




SCALE 2:1



			*		
	DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
	CHECKED	APPROVED	DRAWING NO.	REV. C SHEET 4 OF 4	
,	DATE 04	02.17	BRACKET ASSEMBLY	SCALE 1:1	



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